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NEWS	3	FEB 28	PATDPAFULL - New display fields provide for legal status data from INPADO
NEWS	4	FEB 28	BABS - Current-awareness alerts (SDIs) available
NEWS	5	MAR 02	GBFULL: New full-text patent database on STN
NEWS	6	MAR 03	REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS	7	MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS	8	MAR 22	KOREAPAT now updated monthly; patent information enhanced
NEWS	9	MAR 22	Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS	10	MAR 22	PATDPASPC - New patent database available
NEWS	11	MAR 22	REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS	12	APR 04	EPFULL enhanced with additional patent information and new fields
NEWS	13	APR 04	EMBASE - Database reloaded and enhanced
NEWS	14	APR 18	New CAS Information Use Policies available online
NEWS	15	APR 25	Patent searching, including current-awareness alerts (SDIs), based on application date in CA/Caplus and USPATFULL/USPAT2 may be affected by a change in filing date for U.S. applications.
NEWS	16	APR 28	Improved searching of U.S. Patent Classifications for U.S. patent records in CA/Caplus
NEWS	17	MAY 23	GBFULL enhanced with patent drawing images
NEWS	18	MAY 23	REGISTRY has been enhanced with source information from CHEMCATS
NEWS	19	JUN 06	The Analysis Edition of STN Express with Discover! (Version 8.0 for Windows) now available
NEWS	20	JUN 13	RUSSIAPAT: New full-text patent database on STN
NEWS	21	JUN 13	FRFULL enhanced with patent drawing images
NEWS	22	JUN 27	MARPAT displays enhanced with expanded G-group definitions and text labels
NEWS	23	JUL 01	MEDICONF removed from STN
NEWS	24	JUL 07	STN Patent Forums to be held in July 2005
NEWS	25	JUL 13	SCISEARCH reloaded
NEWS	26	JUL 20	Powerful new interactive analysis and visualization software, STN AnaVist, now available
NEWS EXPRESS			JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005
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=> s ((medical device) or device or implant? or (drug delivery))
2 FILES SEARCHED...
4 FILES SEARCHED...
6 FILES SEARCHED...
L1 7040152 ((MEDICAL DEVICE) OR DEVICE OR IMPLANT? OR (DRUG DELIVERY))

=>

=> s l1 and core?
6 FILES SEARCHED...
L2 328492 L1 AND CORE?

=> s l2 and body
L3 120300 L2 AND BODY

=> s l3 and coat?
L4 52162 L3 AND COAT?

=> s l4 and multiple and layer?
2 FILES SEARCHED...

L5 20461 L4 AND MULTIPLE AND LAYER?

=> s l5 and (multi layer?)

2 FILES SEARCHED...

L6 2593 L5 AND (MULTI LAYER?)

=> s l6 and (biopolymer? or (sol gel) or (silica gel))

2 FILES SEARCHED...

L7 279 L6 AND (BIOPOLYMER? OR (SOL GEL) OR (SILICA GEL))

=> s l7 and (assymetric? or uneven? or unsymmetrical? or partial?)

L8 258 L7 AND (ASSYMETRIC? OR UNEVEN? OR UNSYMMETRICAL? OR PARTIAL?)

=> s l8 and heparin

L9 70 L8 AND HEPARIN

=> s l9 and biodegrad?

L10 60 L9 AND BIODEGRAD?

=> s l10 and stent

L11 37 L10 AND STENT

=> s l11 and (inorganic ion?)

6 FILES SEARCHED...

L12 0 L11 AND (INORGANIC ION?)

=> s L11 and (silica gel)

6 FILES SEARCHED...

L13 0 L11 AND (SILICA GEL)

=> s l11 and (growth factor)

1 FILES SEARCHED...

6 FILES SEARCHED...

L14 37 L11 AND (GROWTH FACTOR)

=> d L14 1-37 ibib abs

L14 ANSWER 1 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2005:195820 USPATFULL

TITLE: Implantable sensors and implantable pumps and anti-scarring agents

INVENTOR(S): Hunter, William L., Vancouver, CANADA
Gravett, David M., Vancouver, CANADA
Toleikis, Philip M., Vancouver, CANADA
Maiti, Arpita, Vancouver, CANADA

PATENT ASSIGNEE(S): Angiotech International AG, Zug, SWITZERLAND (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005169961	A1	20050804
APPLICATION INFO.:	US 2004-4675	A1	20041202 (11)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2004-996352, filed on 22 Nov 2004, PENDING Continuation-in-part of Ser. No. US 2004-986231, filed on 10 Nov 2004, PENDING Continuation-in-part of Ser. No. US 2004-986230, filed on 10 Nov 2004, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2004-586861P	20040709 (60)
	US 2004-578471P	20040609 (60)
	US 2003-526541P	20031203 (60)

US 2003-525226P 20031124 (60)
 US 2003-523908P 20031120 (60)
 US 2003-524023P 20031120 (60)
 DOCUMENT TYPE: Utility
 FILE SEGMENT: APPLICATION
 LEGAL REPRESENTATIVE: SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVENYUE, SUITE 6300, SEATTLE, WA, 98104-7092, US
 NUMBER OF CLAIMS: 118
 EXEMPLARY CLAIM: 1-1941
 NUMBER OF DRAWINGS: 32 Drawing Page(s)
 LINE COUNT: 15063
 AB Pumps and sensors for contact with tissue are used in combination with an anti-scarring agent (e.g., a cell cycle inhibitor) in order to inhibit scarring that may otherwise occur when the pumps and sensors are implanted within an animal.

L14 ANSWER 2 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2005:195819 USPATFULL
 TITLE: Implantable sensors and implantable pumps and anti-scarring agents
 INVENTOR(S): Hunter, William L., Vancouver, CANADA
 Gravett, David M., Vancouver, CANADA
 Toleikis, Philip M., Vancouver, CANADA
 Maiti, Arpita, Vancouver, CANADA
 PATENT ASSIGNEE(S): Angiotech International AG, Zug, SWITZERLAND, 6304 (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005169960	A1	20050804
APPLICATION INFO.:	US 2004-4671	A1	20041202 (11)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2004-996352, filed on 22 Nov 2004, PENDING Continuation-in-part of Ser. No. US 2004-986231, filed on 10 Nov 2004, PENDING Continuation-in-part of Ser. No. US 2004-986230, filed on 10 Nov 2004, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2004-586861P	20040709 (60)
	US 2004-578471P	20040609 (60)
	US 2003-526541P	20031203 (60)
	US 2003-525226P	20031124 (60)
	US 2003-523908P	20031120 (60)
	US 2003-524023P	20031120 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVENYUE, SUITE 6300, SEATTLE, WA, 98104-7092, US	
NUMBER OF CLAIMS:	110	
EXEMPLARY CLAIM:	1-3328	
NUMBER OF DRAWINGS:	32 Drawing Page(s)	
LINE COUNT:	15057	
AB	Pumps and sensors for contact with tissue are used in combination with an anti-scarring agent (e.g., a cell cycle inhibitor) in order to inhibit scarring that may otherwise occur when the pumps and sensors are implanted within an animal.	

L14 ANSWER 3 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2005:195818 USPATFULL
 TITLE: Medical implants and fibrosis-inducing agents

INVENTOR(S): Hunter, William L., Vancouver, CANADA
 Gravett, David M., Vancouver, CANADA
 Toleikis, Philip M., Vancouver, CANADA
 Maiti, Arpita, Vancouver, CANADA
 Signore, Pierre E., Vancouver, CANADA
 Liggins, Richard T., Coquitlam, CANADA
 PATENT ASSIGNEE(S): Angiotech International AG, Zug, SWITZERLAND (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005169959	A1	20050804
APPLICATION INFO.:	US 2004-1421	A1	20041201 (11)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2004-986230, filed on 10 Nov 2004, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-518785P	20031110 (60)
	US 2003-523908P	20031120 (60)
	US 2003-524023P	20031120 (60)
	US 2004-586861P	20040709 (60)
	US 2004-578471P	20040609 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVENUE, SUITE 6300, SEATTLE, WA, 98104-7092, US	
NUMBER OF CLAIMS:	66	
EXEMPLARY CLAIM:	1-493	
NUMBER OF DRAWINGS:	15 Drawing Page(s)	
LINE COUNT:	15682	

AB Implants are used in combination with a fibrosis-inducing agent in order to induce fibrosis that may otherwise not occur when the implant is placed within an animal or increase fibrosis between the implant and the host tissue.

L14 ANSWER 4 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2005:195817 USPATFULL
 TITLE: Medical implants and fibrosis-inducing agents
 INVENTOR(S): Hunter, William L., Vancouver, CANADA
 Gravett, David M., Vancouver, CANADA
 Toleikis, Philip M., Vancouver, CANADA
 Maiti, Arpita, Vancouver, CANADA
 Signore, Pierre E., Vancouver, CANADA
 Liggins, Richard T., Coquitlam, CANADA
 PATENT ASSIGNEE(S): Angiotech International AG, Zug, SWITZERLAND, 6304 (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005169958	A1	20050804
APPLICATION INFO.:	US 2004-1420	A1	20041201 (11)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2004-986230, filed on 10 Nov 2004, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-518785P	20031110 (60)
	US 2003-523908P	20031120 (60)
	US 2003-524023P	20031120 (60)
	US 2004-586861P	20040709 (60)
	US 2004-578471P	20040609 (60)

DOCUMENT TYPE: Utility
 FILE SEGMENT: APPLICATION
 LEGAL REPRESENTATIVE: SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVENYUE, SUITE 6300, SEATTLE, WA, 98104-7092, US
 NUMBER OF CLAIMS: 159
 EXEMPLARY CLAIM: 1-729
 NUMBER OF DRAWINGS: 15 Drawing Page(s)
 LINE COUNT: 43012
 AB Implants are used in combination with a fibrosis-inducing agent in order to induce fibrosis that may otherwise not occur when the implant is placed within an animal or increase fibrosis between the implant and the host tissue.

L14 ANSWER 5 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2005:190568 USPATFULL
 TITLE: Medical implants and anti-scarring agents
 INVENTOR(S): Hunter, William L., Vancouver, CANADA
 Gravett, David M., Vancouver, CANADA
 Toleikis, Philip M., Vancouver, CANADA
 Maiti, Arpita, Vancouver, CANADA
 Signore, Pierre E., Vancouver, CANADA
 Liggins, Richard T., Coquitlam, CANADA
 PATENT ASSIGNEE(S): Angiotech International AG, Zug, SWEDEN (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005165488	A1	20050728
APPLICATION INFO.:	US 2004-6912	A1	20041207 (11)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2004-986231, filed on 10 Nov 2004, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2004-586861P	20040709 (60)
	US 2004-578471P	20040609 (60)
	US 2003-526541P	20031203 (60)
	US 2003-525226P	20031124 (60)
	US 2003-523908P	20031120 (60)
	US 2003-524023P	20031120 (60)
	US 2003-518785P	20031110 (60)

DOCUMENT TYPE: Utility
 FILE SEGMENT: APPLICATION
 LEGAL REPRESENTATIVE: SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVENYUE, SUITE 6300, SEATTLE, WA, 98104-7092, US
 NUMBER OF CLAIMS: 176
 EXEMPLARY CLAIM: 1-3153
 NUMBER OF DRAWINGS: 28 Drawing Page(s)
 LINE COUNT: 56407

AB Implants are used in combination with an anti-scarring agent in order to inhibit scarring that may otherwise occur when the implant is placed within an animal. The agent may be any suitable anti-scarring agent, e.g., a cell cycle inhibitor, and may be used in conjunction with a second pharmaceutical agent, e.g., an antibiotic. Suitable implants include intravascular implants, a vascular graft or wrap implant, an implant for hemodialysis access, an implant that provides an anastomotic connection, ventricular assist implant, a prosthetic heart valve implant, an inferior vena cava filter implant, a peritoneal dialysis catheter implant, a central nervous system shunt, an intraocular lens, an implant for glaucoma drainage, a penile implant, an endotracheal tube, a tracheostomy tube, a gastrointestinal device, and a spinal implant.

L14 ANSWER 6 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2005:190547 USPATFULL
TITLE: Intravascular devices and fibrosis-inducing agents
INVENTOR(S): Hunter, William L., Vancouver, CANADA
Gravett, David M., Vancouver, CANADA
Toleikis, Philip M., Vancouver, CANADA
Maiti, Arpita, Vancouver, CANADA
Signore, Pierre E., Vancouver, CANADA
Liggins, Richard T., Coquitlam, CANADA
Guan, Dechi, Vancouver, CANADA
PATENT ASSIGNEE(S): Angiotech International AG, Zug, SWITZERLAND, 6304
(non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005165467	A1	20050728
APPLICATION INFO.:	US 2004-6048	A1	20041207 (11)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2004-986450, filed on 10 Nov 2004, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-518785P	20031110 (60)
	US 2003-523908P	20031120 (60)
	US 2003-524023P	20031120 (60)
	US 2004-582833P	20040624 (60)
	US 2004-578471P	20040609 (60)
	US 2004-586861P	20040709 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVENYUE, SUITE 6300, SEATTLE, WA, 98104-7092, US	
NUMBER OF CLAIMS:	111	
EXEMPLARY CLAIM:	1-1241	
NUMBER OF DRAWINGS:	22 Drawing Page(s)	
LINE COUNT:	13096	

AB Intravascular devices (e.g., stents, stent grafts, covered stents, aneurysm coils, embolic agents and drug delivery catheters and balloons) are used in combination with fibrosing agents in order to induce fibrosis that may otherwise not occur when the implant is placed within an animal or to promote fibrosis between the devices and the host tissues. Compositions and methods are described for use in the treatment of aneurysms and unstable arterial (vulnerable) plaque.

L14 ANSWER 7 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2005:188912 USPATFULL
TITLE: Drug-eluting **Biodegradable Stent**
and Delivery Means
INVENTOR(S): Sung, Hsing-Wen, 7F, No. 15, Alley 7, Lane 298, Section 2, Kung-Fu Road, Hsinchu, TAIWAN, PROVINCE OF CHINA 300
Chen, Mei-Chin, 10F, No. 4, Gueiyang St., Taishan Shiang, Taipei, TAIWAN, PROVINCE OF CHINA 243
Tu, Hosheng, 15 Riez, Newport Beach, CA, UNITED STATES 92657

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005163821	A1	20050728
APPLICATION INFO.:	US 2005-906239	A1	20050210 (10)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2004-24101, filed on 28 Dec 2004, PENDING Continuation-in-part of Ser. No. US 2004-916170, filed on 11 Aug 2004, PENDING Continuation-in-part of Ser. No. US 2003-610391, filed on 30 Jun 2003, PENDING Continuation-in-part of Ser. No. US 2002-211656, filed on 2 Aug 2002, GRANTED, Pat. No. US 6624138

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HOSHENG TU, 15 RIEZ, NEWPORT BEACH, CA, 92657-0116, US
NUMBER OF CLAIMS: 20
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 23 Drawing Page(s)
LINE COUNT: 3347

AB A **biodegradable stent** comprising a luminal surface portion with a second degree of crosslink, an outer surface portion with a first degree of crosslink, and a **body** between the luminal and outer surface portions, wherein the **body** comprises a crosslinked material characterized by the first degree of crosslink not less than the second degree of crosslink.

L14 ANSWER 8 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2005:182973 USPATFULL
TITLE: Implantable sensors and implantable pumps and anti-scarring agents
INVENTOR(S): Hunter, William L., Vancouver, CANADA
Gravett, David M., Vancouver, CANADA
Toleikis, Philip M., Vancouver, CANADA
Maiti, Arpita, Vancouver, CANADA
PATENT ASSIGNEE(S): Angiotech International AG, Zug, SWITZERLAND (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005158356	A1	20050721
APPLICATION INFO.:	US 2004-996352	A1	20041122 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2004-986231, filed on 10 Nov 2004, PENDING Continuation-in-part of Ser. No. US 2004-986230, filed on 10 Nov 2004, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2004-586861P	20040709 (60)
	US 2004-578471P	20040609 (60)
	US 2003-526541P	20031203 (60)
	US 2003-525226P	20031124 (60)
	US 2003-523908P	20031120 (60)
	US 2003-524023P	20031120 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVENYUE, SUITE 6300, SEATTLE, WA, 98104-7092, US
NUMBER OF CLAIMS: 117
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 32 Drawing Page(s)
LINE COUNT: 15058

AB Pumps and sensors for contact with tissue are used in combination with an anti-scarring agent (e.g., a cell cycle inhibitor) in order to inhibit scarring that may otherwise occur when the pumps and sensors are implanted within an animal.

L14 ANSWER 9 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2005:182891 USPATFULL
TITLE: Medical implants and fibrosis-inducing agents
INVENTOR(S): Hunter, William L., Vancouver, CANADA
Gravett, David M., Vancouver, CANADA
Toleikis, Philip M., Vancouver, CANADA
Maiti, Arpita, Vancouver, CANADA
Signore, Pierre E., Vancouver, CANADA
Liggins, Richard T., Coquitlam, CANADA
PATENT ASSIGNEE(S): Angiotech International AG, Zug, SWITZERLAND (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005158274	A1	20050721
APPLICATION INFO.:	US 2004-6902	A1	20041207 (11)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2004-986230, filed on 10 Nov 2004, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-518785P	20031110 (60)
	US 2003-523908P	20031120 (60)
	US 2003-524023P	20031120 (60)
	US 2004-586861P	20040709 (60)
	US 2004-578471P	20040609 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVENUE, SUITE 6300, SEATTLE, WA, 98104-7092, US	
NUMBER OF CLAIMS:	109	
EXEMPLARY CLAIM:	1-611	
NUMBER OF DRAWINGS:	15 Drawing Page(s)	
LINE COUNT:	43022	

AB Implants are used in combination with a fibrosis-inducing agent in order to induce fibrosis that may otherwise not occur when the implant is placed within an animal or increase fibrosis between the implant and the host tissue.

L14 ANSWER 10 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2005:178373 USPATFULL
TITLE: Intravascular devices and fibrosis-inducing agents
INVENTOR(S): Hunter, William L., Vancouver, CANADA
Gravett, David M., Vancouver, CANADA
Toleikis, Philip M., Vancouver, CANADA
Maiti, Arpita, Vancouver, CANADA
Signore, Pierre E., Vancouver, CANADA
Liggins, Richard T., Coquitlam, CANADA
Guan, Dechi, Vancouver, CANADA
PATENT ASSIGNEE(S): Angiotech International AG, Zug, SWITZERLAND (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005154454	A1	20050714
APPLICATION INFO.:	US 2004-6290	A1	20041207 (11)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2004-986450, filed on 10 Nov 2004, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-518785P	20031110 (60)

US 2003-523908P	20031120 (60)
US 2003-524023P	20031120 (60)
US 2004-582833P	20040624 (60)
US 2004-586861P	20040709 (60)
US 2004-578471P	20040609 (60)

DOCUMENT TYPE: Utility
 FILE SEGMENT: APPLICATION
 LEGAL REPRESENTATIVE: SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVENYUE, SUITE 6300, SEATTLE, WA, 98104-7092, US
 NUMBER OF CLAIMS: 111
 EXEMPLARY CLAIM: 1-995
 NUMBER OF DRAWINGS: 22 Drawing Page(s)
 LINE COUNT: 13237

AB Intravascular devices (e.g., stents, stent grafts, covered stents, aneurysm coils, embolic agents and drug delivery catheters and balloons) are used in combination with fibrosing agents in order to induce fibrosis that may otherwise not occur when the implant is placed within an animal or to promote fibrosis between the devices and the host tissues. Compositions and methods are described for use in the treatment of aneurysms and unstable arterial (vulnerable) plaque.

L14 ANSWER 11 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2005:178372 USPATFULL
 TITLE: Intravascular devices and fibrosis-inducing agents
 INVENTOR(S): Hunter, William L., Vancouver, CANADA
 Gravett, David M., Vancouver, CANADA
 Toleikis, Philip M., Vancouver, CANADA
 Maiti, Arpita, Vancouver, CANADA
 Signore, Pierre E., Vancouver, CANADA
 Liggins, Richard T., Coquitlam, CANADA
 Guan, Dechi, Vancouver, CANADA
 PATENT ASSIGNEE(S): Angiotech International AG, Zug, SWITZERLAND (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005154453	A1	20050714
APPLICATION INFO.:	US 2004-461	A1	20041129 (11)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2004-986450, filed on 10 Nov 2004, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-518785P	20031110 (60)
	US 2003-523908P	20031120 (60)
	US 2003-524023P	20031120 (60)
	US 2004-582833P	20040624 (60)
	US 2004-578471P	20040609 (60)
	US 2004-586861P	20040709 (60)

DOCUMENT TYPE: Utility
 FILE SEGMENT: APPLICATION
 LEGAL REPRESENTATIVE: SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVENYUE, SUITE 6300, SEATTLE, WA, 98104-7092, US
 NUMBER OF CLAIMS: 28
 EXEMPLARY CLAIM: 1-870
 NUMBER OF DRAWINGS: 22 Drawing Page(s)
 LINE COUNT: 12830

AB Intravascular devices (e.g., stents, stent grafts, covered stents, aneurysm coils, embolic agents and drug delivery catheters and balloons) are used in combination with fibrosing agents in order to induce fibrosis that may otherwise not occur when the implant is placed within an animal or to promote fibrosis between the devices and the host

tissues. Compositions and methods are described for use in the treatment of aneurysms and unstable arterial (vulnerable) plaque.

L14 ANSWER 12 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2005:178364 USPATFULL
TITLE: Intravascular devices and fibrosis-inducing agents
INVENTOR(S): Hunter, William L., Vancouver, CANADA
Gravett, David M., Vancouver, CANADA
Toleikis, Philip M., Vancouver, CANADA
Maiti, Arpita, Vancouver, CANADA
Signore, Pierre E., Vancouver, CANADA
Liggins, Richard T., Coquitlam, CANADA
Guan, Dechi, Vancouver, CANADA
PATENT ASSIGNEE(S): Angiotech International AG, Zug, SWITZERLAND (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005154445	A1	20050714
APPLICATION INFO.:	US 2004-6266	A1	20041207 (11)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2004-986450, filed on 10 Nov 2004, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-518785P	20031110 (60)
	US 2003-523908P	20031120 (60)
	US 2003-524023P	20031120 (60)
	US 2004-582833P	20040624 (60)
	US 2004-586861P	20040709 (60)
	US 2004-578471P	20040609 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVENUE, SUITE 6300, SEATTLE, WA, 98104-7092, US

NUMBER OF CLAIMS: 114
EXEMPLARY CLAIM: 1-1479
NUMBER OF DRAWINGS: 22 Drawing Page(s)
LINE COUNT: 13066

AB Intravascular devices (e.g., stents, stent grafts, covered stents, aneurysm coils, embolic agents and drug delivery catheters and balloons) are used in combination with fibrosing agents in order to induce fibrosis that may otherwise not occur when the implant is placed within an animal or to promote fibrosis between the devices and the host tissues. Compositions and methods are described for use in the treatment of aneurysms and unstable arterial (vulnerable) plaque.

L14 ANSWER 13 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2005:178293 USPATFULL
TITLE: Implantable sensors and implantable pumps and anti-scarring agents
INVENTOR(S): Hunter, William L., Vancouver, CANADA
Gravett, David M., Vancouver, CANADA
Toleikis, Philip M., Vancouver, CANADA
Maiti, Arpita, Vancouver, CANADA
PATENT ASSIGNEE(S): Angiotech International AG, Zug, SWITZERLAND (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005154374	A1	20050714

APPLICATION INFO.: US 2004-6882 A1 20041207 (11)
 RELATED APPLN. INFO.: Continuation of Ser. No. US 2004-996352, filed on 22
 Nov 2004, PENDING Continuation-in-part of Ser. No. US
 2004-986231, filed on 10 Nov 2004, PENDING
 Continuation-in-part of Ser. No. US 2004-986230, filed
 on 10 Nov 2004, PENDING

	NUMBER	DATE
PRIORITY INFORMATION:	US 2004-586861P	20040709 (60)
	US 2004-578471P	20040609 (60)
	US 2003-526541P	20031203 (60)
	US 2003-525226P	20031124 (60)
	US 2003-523908P	20031120 (60)
	US 2003-524023P	20031120 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVENYUE, SUITE 6300, SEATTLE, WA, 98104-7092, US	
NUMBER OF CLAIMS:	112	
EXEMPLARY CLAIM:	1-2240	
NUMBER OF DRAWINGS:	32 Drawing Page(s)	
LINE COUNT:	15052	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Pumps and sensors for contact with tissue are used in combination with
 an anti-scarring agent (e.g., a cell cycle inhibitor) in order to
 inhibit scarring that may otherwise occur when the pumps and sensors are
 implanted within an animal.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 14 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2005:176866 USPATFULL
 TITLE: Implantable sensors and implantable pumps and
 anti-scarring agents
 INVENTOR(S): Hunter, William L., Vancouver, CANADA
 Gravett, David M., Vancouver, CANADA
 Toleikis, Philip M., Vancouver, CANADA
 Maiti, Arpita, Vancouver, CANADA
 PATENT ASSIGNEE(S): Angiotech International AG, Zug, SWITZERLAND (non-U.S.
 corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005152946	A1	20050714
APPLICATION INFO.:	US 2004-6894	A1	20041207 (11)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2004-996352, filed on 22 Nov 2004, PENDING Continuation-in-part of Ser. No. US 2004-986231, filed on 10 Nov 2004, PENDING Continuation-in-part of Ser. No. US 2004-986230, filed on 10 Nov 2004, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2004-586861P	20040709 (60)
	US 2004-578471P	20040609 (60)
	US 2003-526541P	20031203 (60)
	US 2003-525226P	20031124 (60)
	US 2003-523908P	20031120 (60)
	US 2003-524023P	20031120 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH	

AVENYUE, SUITE 6300, SEATTLE, WA, 98104-7092, US
NUMBER OF CLAIMS: 112
EXEMPLARY CLAIM: 1-1126
NUMBER OF DRAWINGS: 32 Drawing Page(s)
LINE COUNT: 15056
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Pumps and sensors for contact with tissue are used in combination with an anti-scarring agent (e.g., a cell cycle inhibitor) in order to inhibit scarring that may otherwise occur when the pumps and sensors are implanted within an animal.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 15 OF 37 USPATFULL on STN
ACCESSION NUMBER: 2005:172426 USPATFULL
TITLE: Intravascular devices and fibrosis-inducing agents
INVENTOR(S): Hunter, William L., Vancouver, CANADA
Gravett, David M., Vancouver, CANADA
Toleikis, Philip M., Vancouver, CANADA
Maiti, Arpita, Vancouver, CANADA
Signore, Pierre E., Vancouver, CANADA
Liggins, Richard T., Coquitlam, CANADA
Guan, Dechi, Vancouver, CANADA
PATENT ASSIGNEE(S): Angiotech International AG, Zug, SWITZERLAND (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005149175	A1	20050707
APPLICATION INFO.:	US 2004-7719	A1	20041207 (11)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2004-986450, filed on 10 Nov 2004, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-518785P	20031110 (60)
	US 2003-523908P	20031120 (60)
	US 2003-524023P	20031120 (60)
	US 2004-582833P	20040624 (60)
	US 2004-578471P	20040609 (60)
	US 2004-586861P	20040709 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVENYUE, SUITE 6300, SEATTLE, WA, 98104-7092, US
NUMBER OF CLAIMS: 113
EXEMPLARY CLAIM: 1-1360
NUMBER OF DRAWINGS: 22 Drawing Page(s)
LINE COUNT: 13090
AB Intravascular devices (e.g., stents, stent grafts, covered stents, aneurysm coils, embolic agents and drug delivery catheters and balloons) are used in combination with fibrosing agents in order to induce fibrosis that may otherwise not occur when the implant is placed within an animal or to promote fibrosis between the devices and the host tissues. Compositions and methods are described for use in the treatment of aneurysms and unstable arterial (vulnerable) plaque.

L14 ANSWER 16 OF 37 USPATFULL on STN
ACCESSION NUMBER: 2005:172424 USPATFULL
TITLE: Intravascular devices and fibrosis-inducing agents
INVENTOR(S): Hunter, William L., Vancouver, CANADA
Gravett, David M., Vancouver, CANADA

Toleikis, Philip M., Vancouver, CANADA
Maiti, Arpita, Vancouver, CANADA
Signore, Pierre E., Vancouver, CANADA
Liggins, Richard T., Coquitlam, CANADA
Guan, Dechi, Vancouver, CANADA

PATENT ASSIGNEE(S): Angiotech International AG, Zug, SWITZERLAND (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005149173	A1	20050707
APPLICATION INFO.:	US 2004-986450	A1	20041110 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-518785P	20031110 (60)
	US 2003-523908P	20031120 (60)
	US 2003-524023P	20031120 (60)
	US 2004-582833P	20040624 (60)
	US 2004-586861P	20040709 (60)
	US 2004-578471P	20040609 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVENUE, SUITE 6300, SEATTLE, WA, 98104-7092, US

NUMBER OF CLAIMS: 49
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 22 Drawing Page(s)
LINE COUNT: 12876

AB Intravascular devices (e.g., stents, stent grafts, covered stents, aneurysm coils, embolic agents and drug delivery catheters and balloons) are used in combination with fibrosing agents in order to induce fibrosis that may otherwise not occur when the implant is placed within an animal or to promote fibrosis between the devices and the host tissues. Compositions and methods are described for use in the treatment of aneurysms and unstable arterial (vulnerable) plaque.

L14 ANSWER 17 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2005:172420 USPATFULL

TITLE: **Implantable medical device**

INVENTOR(S): Wang, Xingwu, Wellsville, NY, UNITED STATES
Greenwald, Howard J., Rochester, NY, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005149169	A1	20050707
APPLICATION INFO.:	US 2004-974412	A1	20041027 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2004-950148, filed on 24 Sep 2004, PENDING Continuation-in-part of Ser. No. US 2004-923579, filed on 20 Aug 2004, PENDING Continuation-in-part of Ser. No. US 2004-914691, filed on 9 Aug 2004, PENDING Continuation-in-part of Ser. No. US 2004-887521, filed on 7 Jul 2004, PENDING Continuation-in-part of Ser. No. US 2004-867517, filed on 14 Jun 2004, PENDING Continuation-in-part of Ser. No. US 2004-810916, filed on 26 Mar 2004, GRANTED, Pat. No. US 6846985 Continuation-in-part of Ser. No. US 2004-808618, filed on 24 Mar 2004, PENDING Continuation-in-part of Ser. No. US 2004-786198, filed on 25 Feb 2004, PENDING Continuation-in-part of Ser. No. US 2004-780045, filed on 17 Feb 2004, PENDING Continuation-in-part of Ser. No. US 2003-747472, filed		

on 29 Dec 2003, PENDING Continuation-in-part of Ser.
No. US 2003-744543, filed on 22 Dec 2003, PENDING
Continuation-in-part of Ser. No. US 2003-442420, filed
on 21 May 2003, PENDING Continuation-in-part of Ser.
No. US 2003-409505, filed on 8 Apr 2003, GRANTED, Pat.
No. US 6815609

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HOWARD J. GREENWALD P.C., 349 W. COMMERCIAL STREET
SUITE 2490, EAST ROCHESTER, NY, 14445-2408, US
NUMBER OF CLAIMS: 59
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 26 Drawing Page(s)
LINE COUNT: 6156

AB An **implantable medical device** assembly
that contains magnetic material with a saturation magnetization of at
least about 0.15 Tesla and which has a direct current permeability at a
static magnetic field value of 1.5 Tesla of at least 1.1. When the
magnetic material and is simultaneously subjected to an alternating
current electromagnetic field with a frequency of 64 megahertz and a
static magnetic field of 1.5 Tesla, it has a magnetization of less than
100 electromagnetic units per cubic centimeter.

L14 ANSWER 18 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2005:172409 USPATFULL
TITLE: Medical implants and anti-scarring agents
INVENTOR(S): Hunter, William L., Vancouver, CANADA
Gravett, David M., Vancouver, CANADA
Toleikis, Philip M., Vancouver, CANADA
Maiti, Arpita, Vancouver, CANADA
Signore, Pierre E., Vancouver, CANADA
Liggins, Richard T., Coquitlam, CANADA
PATENT ASSIGNEE(S): Angiotech International AG, Zug, SWITZERLAND (non-U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005149158	A1	20050707
APPLICATION INFO.:	US 2004-409	A1	20041129 (11)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2004-986231, filed on 10 Nov 2004, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-518785P	20031110 (60)
	US 2003-523908P	20031120 (60)
	US 2003-524023P	20031120 (60)
	US 2003-525226P	20031124 (60)
	US 2003-526541P	20031203 (60)
	US 2004-586861P	20040709 (60)
	US 2004-578471P	20040609 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH
AVENYUE, SUITE 6300, SEATTLE, WA, 98104-7092, US
NUMBER OF CLAIMS: 178
EXEMPLARY CLAIM: 1-274
NUMBER OF DRAWINGS: 28 Drawing Page(s)
LINE COUNT: 56404

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Implants are used in combination with an anti-scarring agent in order to
inhibit scarring that may otherwise occur when the implant is placed

within an animal. The agent may be any suitable anti-scarring agent, e.g., a cell cycle inhibitor, and may be used in conjunction with a second pharmaceutical agent, e.g., an antibiotic. Suitable implants include intravascular implants, a vascular graft or wrap implant, an implant for hemodialysis access, an implant that provides an anastomotic connection, ventricular assist implant, a prosthetic heart valve implant, an inferior vena cava filter implant, a peritoneal dialysis catheter implant, a central nervous system shunt, an intraocular lens, an implant for glaucoma drainage, a penile implant, an endotracheal tube, a tracheostomy tube, a gastrointestinal device, and a spinal implant.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 19 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2005:172408 USPATFULL
TITLE: Electrical devices and anti-scarring agents
INVENTOR(S): Hunter, William L., Vancouver, CANADA
Gravett, David M., Vancouver, CANADA
Toleikis, Philip M., Vancouver, CANADA
Maiti, Arpita, Vancouver, CANADA
PATENT ASSIGNEE(S): Angiotech International AG, Zug, SWITZERLAND (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005149157	A1	20050707
APPLICATION INFO.:	US 2004-996355	A1	20041122 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2004-986231, filed on 10 Nov 2004, PENDING Continuation-in-part of Ser. No. US 2004-986230, filed on 10 Nov 2004, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2004-586861P	20040709 (60)
	US 2004-578471P	20040609 (60)
	US 2003-526541P	20031203 (60)
	US 2003-525226P	20031124 (60)
	US 2003-523908P	20031120 (60)
	US 2003-524023P	20031120 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVENYUE, SUITE 6300, SEATTLE, WA, 98104-7092, US	
NUMBER OF CLAIMS:	111	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	32 Drawing Page(s)	
LINE COUNT:	14769	
AB	Electrical devices (e.g., cardiac rhythm management and neurostimulation devices) for contact with tissue are used in combination with an anti-scarring agent (e.g., a cell cycle inhibitor) in order to inhibit scarring that may otherwise occur when the devices are implanted within an animal.	

L14 ANSWER 20 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2005:172331 USPATFULL
TITLE: Medical implants and anti-scarring agents
INVENTOR(S): Hunter, William L., Vancouver, CANADA
Gravett, David M., Vancouver, CANADA
Toleikis, Philip M., Vancouver, CANADA
Maiti, Arpita, Vancouver, CANADA
Signore, Pierre E., Vancouver, CANADA

PATENT ASSIGNEE(S): Liggin's, Richard T., Coquitlam, CANADA
Angiotech International AG, Zug, SWITZERLAND (non-U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005149080	A1	20050707
APPLICATION INFO.:	US 2004-1418	A1	20041130 (11)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2004-986231, filed on 10 Nov 2004, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2004-586861P	20040709 (60)
	US 2004-578471P	20040609 (60)
	US 2003-526541P	20031203 (60)
	US 2003-525226P	20031124 (60)
	US 2003-523908P	20031120 (60)
	US 2003-524023P	20031120 (60)
	US 2003-518785P	20031110 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVENYUE, SUITE 6300, SEATTLE, WA, 98104-7092, US	
NUMBER OF CLAIMS:	178	
EXEMPLARY CLAIM:	1-806	
NUMBER OF DRAWINGS:	28 Drawing Page(s)	
LINE COUNT:	56418	

AB Implants are used in combination with an anti-scarring agent in order to inhibit scarring that may otherwise occur when the implant is placed within an animal. The agent may be any suitable anti-scarring agent, e.g., a cell cycle inhibitor, and may be used in conjunction with a second pharmaceutical agent, e.g., an antibiotic. Suitable implants include intravascular implants, a vascular graft or wrap implant, an implant for hemodialysis access, an implant that provides an anastomotic connection, ventricular assist implant, a prosthetic heart valve implant, an inferior vena cava filter implant, a peritoneal dialysis catheter implant, a central nervous system shunt, an intraocular lens, an implant for glaucoma drainage, a penile implant, an endotracheal tube, a tracheostomy tube, a gastrointestinal device, and a spinal implant.

L14 ANSWER 21 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2005:172253 USPATFULL
TITLE: Markers for visualizing interventional medical devices
INVENTOR(S): Wang, Xingwu, Wellsville, NY, UNITED STATES
Shellock, Frank G., Los Angeles, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005149002	A1	20050707
APPLICATION INFO.:	US 2004-999185	A1	20041129 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2004-974412, filed on 27 Oct 2004, PENDING Continuation-in-part of Ser. No. US 2004-950148, filed on 24 Sep 2004, PENDING Continuation-in-part of Ser. No. US 2004-923579, filed on 20 Aug 2004, PENDING Continuation-in-part of Ser. No. US 2004-914691, filed on 9 Aug 2004, PENDING Continuation-in-part of Ser. No. US 2004-887521, filed on 7 Jul 2004, PENDING Continuation-in-part of Ser. No. US 2004-867517, filed on 14 Jun 2004, PENDING Continuation-in-part of Ser. No. US 2004-810916, filed		

on 26 Mar 2004, GRANTED, Pat. No. US 6846985
Continuation-in-part of Ser. No. US 2004-808618, filed
on 24 Mar 2004, PENDING Continuation-in-part of Ser.
No. US 2004-786198, filed on 25 Feb 2004, PENDING
Continuation-in-part of Ser. No. US 2004-780045, filed
on 17 Feb 2004, PENDING Continuation-in-part of Ser.
No. US 2003-747472, filed on 29 Dec 2003, PENDING
Continuation-in-part of Ser. No. US 2003-744543, filed
on 22 Dec 2003, PENDING Continuation-in-part of Ser.
No. US 2003-442420, filed on 21 May 2003, PENDING
Continuation-in-part of Ser. No. US 2003-409505, filed
on 8 Apr 2003, GRANTED, Pat. No. US 6815609

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HOWARD J. GREENWALD P.C., 349 W. COMMERCIAL STREET
SUITE 2490, EAST ROCHESTER, NY, 14445-2408, US
NUMBER OF CLAIMS: 75
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 27 Drawing Page(s)
LINE COUNT: 6317

AB A marking material that, when disposed upon medical devices used during
interventional medical procedures with imaging modalities such as X-ray
Fluoroscopy and Magnetic Resonance Imaging, renders such medical devices
visible with minimal imaging artifacts. The material comprises a
particulate material with generally higher atomic weight disposed within
a matrix material with generally lower atomic weight. In one embodiment
the particulate material is magnetic. In another embodiment the
particulate material is non-magnetic.

L14 ANSWER 22 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2005:171763 USPATFULL
TITLE: Medical implants and fibrosis-inducing agents
INVENTOR(S): Hunter, William L., Vancouver, CANADA
Gravett, David M., Vancouver, CANADA
Toleikis, Philip M., Vancouver, CANADA
Maiti, Arpita, Vancouver, CANADA
Signore, Pierre E., Vancouver, CANADA
Liggins, Richard T., Coquitlam, CANADA
PATENT ASSIGNEE(S): Angiotech International AG, Zug, SWITZERLAND (non-U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005148512	A1	20050707
APPLICATION INFO.:	US 2004-986230	A1	20041110 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-518785P	20031110 (60)
	US 2003-523908P	20031120 (60)
	US 2003-524023P	20031120 (60)
	US 2004-586861P	20040709 (60)
	US 2004-578471P	20040609 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH
AVENYUE, SUITE 6300, SEATTLE, WA, 98104-7092, US
NUMBER OF CLAIMS: 80
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 15 Drawing Page(s)
LINE COUNT: 42883
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Implants are used in combination with a fibrosis-inducing agent in order to induce fibrosis that may otherwise not occur when the implant is placed within an animal or increase fibrosis between the implant and the host tissue.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 23 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2005:170896 USPATFULL
TITLE: Medical implants and fibrosis-inducing agents
INVENTOR(S): Hunter, William L., Vancouver, CANADA
 Gravett, David M., Vancouver, CANADA
 Toleikis, Philip M., Vancouver, CANADA
 Maiti, Arpita, Vancouver, CANADA
 Signore, Pierre E., Vancouver, CANADA
 Liggins, Richard T., Coquitlam, CANADA
PATENT ASSIGNEE(S): Angiotech International AG, Zug, SWITZERLAND (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005147643	A1	20050707
APPLICATION INFO.:	US 2004-6893	A1	20041207 (11)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2004-986230, filed on 10 Nov 2004, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-518785P	20031110 (60)
	US 2003-523908P	20031120 (60)
	US 2003-524023P	20031120 (60)
	US 2004-586861P	20040709 (60)
	US 2004-578471P	20040609 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVENYUE, SUITE 6300, SEATTLE, WA, 98104-7092, US	
NUMBER OF CLAIMS:	109	
EXEMPLARY CLAIM:	1-1437	
NUMBER OF DRAWINGS:	15 Drawing Page(s)	
LINE COUNT:	43024	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Implants are used in combination with a fibrosis-inducing agent in order to induce fibrosis that may otherwise not occur when the implant is placed within an animal or increase fibrosis between the implant and the host tissue.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 24 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2005:170852 USPATFULL
TITLE: Medical implants and fibrosis-inducing agents
INVENTOR(S): Hunter, William L., Vancouver, CANADA
 Gravett, David M., Vancouver, CANADA
 Toleikis, Philip M., Vancouver, CANADA
 Maiti, Arpita, Vancouver, CANADA
 Signore, Pierre E., Vancouver, CANADA
 Liggins, Richard T., Coquitlam, CANADA
PATENT ASSIGNEE(S): Angiotech International AG, Zug, SWITZERLAND (non-U.S. corporation)

NUMBER	KIND	DATE
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PATENT INFORMATION: US 2005147599 A1 20050707
APPLICATION INFO.: US 2004-6889 A1 20041207 (11)
RELATED APPLN. INFO.: Continuation of Ser. No. US 2004-986230, filed on 10
Nov 2004, PENDING

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-518785P	20031110 (60)
	US 2003-523908P	20031120 (60)
	US 2003-524023P	20031120 (60)
	US 2004-586861P	20040709 (60)
	US 2004-578471P	20040609 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVENYUE, SUITE 6300, SEATTLE, WA, 98104-7092, US	
NUMBER OF CLAIMS:	108	
EXEMPLARY CLAIM:	1-1555	
NUMBER OF DRAWINGS:	15 Drawing Page(s)	
LINE COUNT:	43016	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Implants are used in combination with a fibrosis-inducing agent in order to induce fibrosis that may otherwise not occur when the implant is placed within an animal or increase fibrosis between the implant and the host tissue.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 25 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2005:170815 USPATFULL
TITLE: Medical implants and fibrosis-inducing agents
INVENTOR(S): Hunter, William L., Vancouver, CANADA
Gravett, David M., Vancouver, CANADA
Toleikis, Philip M., Vancouver, CANADA
Maiti, Arpita, Vancouver, CANADA
Signore, Pierre E., Vancouver, CANADA
Liggins, Richard T., Coquitlam, CANADA
PATENT ASSIGNEE(S): Angiotech International AG, Zug, SWITZERLAND (non-U.S.
corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005147562	A1	20050707
APPLICATION INFO.:	US 2004-6886	A1	20041207 (11)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2004-986230, filed on 10 Nov 2004, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-518785P	20031110 (60)
	US 2003-523908P	20031120 (60)
	US 2003-524023P	20031120 (60)
	US 2004-586861P	20040709 (60)
	US 2004-578471P	20040609 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVENYUE, SUITE 6300, SEATTLE, WA, 98104-7092, US	
NUMBER OF CLAIMS:	109	
EXEMPLARY CLAIM:	1-1201	
NUMBER OF DRAWINGS:	15 Drawing Page(s)	
LINE COUNT:	43010	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Implants are used in combination with a fibrosis-inducing agent in order to induce fibrosis that may otherwise not occur when the implant is placed within an animal or increase fibrosis between the implant and the host tissue.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 26 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2005:164739 USPATFULL

TITLE: Medical implants and fibrosis-inducing agents

INVENTOR(S): Hunter, William L., Vancouver, CANADA

Gravett, David M., Vancouver, CANADA

Toleikis, Philip M., Vancouver, CANADA

Maiti, Arpita, Vancouver, CANADA

Signore, Pierre E., Vancouver, CANADA

Liggins, Richard T., Coquitlam, CANADA

PATENT ASSIGNEE(S): Angiotech International AG, Zug, SWITZERLAND (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005142163	A1	20050630
APPLICATION INFO.:	US 2004-1422	A1	20041201 (11)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2004-986230, filed on 10 Nov 2004, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-518785P	20031110 (60)
	US 2003-523908P	20031120 (60)
	US 2003-524023P	20031120 (60)
	US 2004-586861P	20040709 (60)
	US 2004-578471P	20040609 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVENUE, SUITE 6300, SEATTLE, WA, 98104-7092, US	
NUMBER OF CLAIMS:	287	
EXEMPLARY CLAIM:	1-1791	
NUMBER OF DRAWINGS:	15 Drawing Page(s)	
LINE COUNT:	34720	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Implants are used in combination with a fibrosis-inducing agent in order to induce fibrosis that may otherwise not occur when the implant is placed within an animal or increase fibrosis between the implant and the host tissue.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 27 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2005:125479 USPATFULL

TITLE: **Medical device with multiple coating layers**

INVENTOR(S): Wang, Xingwu, Wellsville, NY, UNITED STATES

Greenwald, Howard J., Rochester, NY, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005107870	A1	20050519
APPLICATION INFO.:	US 2004-923579	A1	20040820 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2004-914691, filed on 9 Aug 2004, PENDING Continuation-in-part of Ser. No. US 2004-887521, filed on 7 Jul 2004, PENDING		

Continuation-in-part of Ser. No. US 2004-867517, filed on 14 Jun 2004, PENDING Continuation-in-part of Ser. No. US 2004-810916, filed on 26 Mar 2004, GRANTED, Pat. No. US 6846985 Continuation-in-part of Ser. No. US 2004-808618, filed on 24 Mar 2004, PENDING Continuation-in-part of Ser. No. US 2004-786198, filed on 25 Feb 2004, PENDING Continuation-in-part of Ser. No. US 2004-780045, filed on 17 Feb 2004, PENDING Continuation-in-part of Ser. No. US 2003-747472, filed on 29 Dec 2003, PENDING Continuation-in-part of Ser. No. US 2003-744543, filed on 22 Dec 2003, PENDING Continuation-in-part of Ser. No. US 2003-442420, filed on 21 May 2003, PENDING Continuation-in-part of Ser. No. US 2003-409505, filed on 8 Apr 2003, GRANTED, Pat. No. US 6815609

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HOWARD J. GREENWALD P.C., 349 W. COMMERCIAL STREET
SUITE 2490, EAST ROCHESTER, NY, 14445-2408, US
NUMBER OF CLAIMS: 62
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 54 Drawing Page(s)
LINE COUNT: 18628

AB An **implantable medical device** that contains two **coating layers** disposed above at least one of its surfaces. The first **coating layer** contains a biologically active material; and the second **coating layer** contains a polymeric material and nanomagnetic material disposed on the first **coating layer**; the second **coating layer** is substantially free of the biologically active material. The nanomagnetic material has a saturation magnetization of from about 2 to about 3000 electromagnetic units per cubic centimeter, and it contains nanomagnetic particles with an average particle size of less than about 100 nanometers; the average coherence length between adjacent nanomagnetic particles is less than 100 nanometers.

L14 ANSWER 28 OF 37 USPATFULL on STN
ACCESSION NUMBER: 2005:111119 USPATFULL
TITLE: Anti-mitotic compound
INVENTOR(S): Tuszyński, Jack A., Edmonton, CANADA
Greenwald, Howard J., Rochester, NY, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005095197	A1	20050505
APPLICATION INFO.:	US 2004-878905	A1	20040628 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2004-808618, filed on 24 Mar 2004, PENDING Continuation-in-part of Ser. No. US 2004-867517, filed on 14 Jun 2004, PENDING		

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-516134P	20031031 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	HOWARD J. GREENWALD P.C., 349 W. COMMERCIAL STREET SUITE 2490, EAST ROCHESTER, NY, 14445-2408, US	
NUMBER OF CLAIMS:	54	
EXEMPLARY CLAIM:	1	
LINE COUNT:	5039	

AB An anti-mitotic compound with a molecular weight of at least 150 grams

per mole, a mitotic index factor of at least 10 percent, a positive magnetic susceptibility of at least $1,000 \times 10^{-6}$ cgs, and a magnetic moment of at least 0.5 bohr magnetrons. The compound contains at least 7 carbon atoms and at least one inorganic atom with a positive magnetic susceptibility of at least 200×10^{-6} cgs.

L14 ANSWER 29 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2005:92457 USPATFULL

TITLE: **Medical device** with low magnetic susceptibility

INVENTOR(S): Wang, Xingwu, Wellsville, NY, UNITED STATES
Greenwald, Howard J., Rochester, NY, UNITED STATES
Gunderman, Robert D., Honeyoye Falls, NY, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005079132	A1	20050414
APPLICATION INFO.:	US 2004-914691	A1	20040809 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2004-887521, filed on 7 Jul 2004, PENDING Continuation-in-part of Ser. No. US 2004-867517, filed on 14 Jun 2004, PENDING Continuation-in-part of Ser. No. US 2004-810916, filed on 26 Mar 2004, GRANTED, Pat. No. US 6846985 Continuation-in-part of Ser. No. US 2004-808618, filed on 24 Mar 2004, PENDING Continuation-in-part of Ser. No. US 2004-786198, filed on 25 Feb 2004, PENDING Continuation-in-part of Ser. No. US 2004-780045, filed on 17 Feb 2004, PENDING Continuation-in-part of Ser. No. US 2003-747472, filed on 29 Dec 2003, PENDING Continuation-in-part of Ser. No. US 2003-744543, filed on 22 Dec 2003, PENDING Continuation-in-part of Ser. No. US 2003-442420, filed on 21 May 2003, PENDING Continuation-in-part of Ser. No. US 2003-409505, filed on 8 Apr 2003, GRANTED, Pat. No. US 6815609		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	HOWARD J. GREENWALD P.C., 349 W. COMMERCIAL STREET SUITE 2490, EAST ROCHESTER, NY, 14445-2408, US		
NUMBER OF CLAIMS:	127		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	52 Drawing Page(s)		
LINE COUNT:	17912		

AB An assembly with a substrate, nanomagnetic material and magetoresistive material. The nanomagnetic material has a saturation magentization of from about 2 to about 3000 electromagnetic units per cubic centimeter; and it contains nanomagnetic particles with an average particle size of less than about 100 nanometers. The average coherence length between adjacent nanomagnetic particles is less than 100 nanometers.

L14 ANSWER 30 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2005:30367 USPATFULL

TITLE: **Medical device** with low magnetic susceptibility

INVENTOR(S): Wang, Xingwu, Wellsville, NY, UNITED STATES
Greenwald, Howard Jay, Rochester, NY, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005025797	A1	20050203
APPLICATION INFO.:	US 2004-887521	A1	20040707 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2004-867517, filed		

on 14 Jun 2004, PENDING Continuation-in-part of Ser.
No. US 2004-810916, filed on 26 Mar 2004, PENDING
Continuation-in-part of Ser. No. US 2004-808618, filed
on 24 Mar 2004, PENDING Continuation-in-part of Ser.
No. US 2004-786198, filed on 25 Feb 2004, PENDING
Continuation-in-part of Ser. No. US 2004-780045, filed
on 17 Feb 2004, PENDING Continuation-in-part of Ser.
No. US 2003-747472, filed on 29 Dec 2003, PENDING
Continuation-in-part of Ser. No. US 2003-744543, filed
on 22 Dec 2003, PENDING Continuation-in-part of Ser.
No. US 2003-442420, filed on 21 May 2003, PENDING
Continuation-in-part of Ser. No. US 2003-409505, filed
on 8 Apr 2003, GRANTED, Pat. No. US 6815609

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HOWARD J. GREENWALD P.C., 349 W. COMMERCIAL STREET
SUITE 2490, EAST ROCHESTER, NY, 14445-2408
NUMBER OF CLAIMS: 137
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 42 Drawing Page(s)
LINE COUNT: 17461
AB An assembly that contains a **medical device** and
biological material within which the **medical device**
is disposed. The assembly has a magnetic susceptibility within the range
of plus or minus 1 ± 10 sup. -3 centimeter-gram-seconds

L14 ANSWER 31 OF 37 USPATFULL on STN
ACCESSION NUMBER: 2005:5555 USPATFULL
TITLE: **Heparin barrier coating** for
controlled drug release
INVENTOR(S): Llanos, Gerard H., Stewartsville, NJ, UNITED STATES
Narayanan, Pallassana V., Belle Mead, NJ, UNITED STATES
Papandreou, George, Bridgewater, NJ, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2005004663	A1	20050106
APPLICATION INFO.:	US 2004-872990	A1	20040621 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2001-850482, filed on 7 May 2001, PENDING		

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: PHILIP S. JOHNSON, JOHNSON & JOHNSON, ONE JOHNSON &
JOHNSON PLAZA, NEW BRUNSWICK, NJ, 08933-7003

NUMBER OF CLAIMS: 6
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 53 Drawing Page(s)
LINE COUNT: 6606

AB Medical devices, and in particular **implantable** medical
devices, may be **coated** to minimize or substantially eliminate
a biological organism's reaction to the introduction of the
medical device to the organism. The medical devices
may be **coated** with any number of biocompatible materials.
Therapeutic drugs, agents or compounds may be mixed with the
biocompatible materials and affixed to at least a portion of the
medical device. These therapeutic drugs, agents or
compounds may also further reduce a biological organism's reaction to
the introduction of the **medical device** to the
organism. In addition, these therapeutic drugs, agents and/or compounds
may be utilized to promote healing, including the formation of blood
clots. The drugs, agents, and/or compounds may also be utilized to treat
specific diseases, including vulnerable plaque. Therapeutic agents may

also be delivered to the region of a disease site. In regional delivery, liquid formulations may be desirable to increase the efficacy and deliverability of the particular drug. Also, the devices may be modified to promote endothelialization. Various materials and **coating** methodologies may be utilized to maintain the drugs, agents or compounds on the **medical device** until delivered and positioned. In addition, the devices utilized to deliver the **implantable** medical devices may be modified to reduce the potential for damaging the **implantable medical device** during deployment. Medical devices include stents, grafts, anastomotic devices, perivascular wraps, sutures and staples. In addition, various polymer combinations as well as other therapeutic agents may be utilized to control the elution rates of the therapeutic drugs, agents and/or compounds from the **implantable** medical devices. In each of these instances, antioxidants are utilized to prolong product integrity.

L14 ANSWER 32 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2004:328492 USPATFULL
 TITLE: Anastomotic connector devices
 INVENTOR(S): Hunter, William L., Vancouver, CANADA
 Toleikis, Philip M., Vancouver, CANADA
 Gravett, David M., Vancouver, CANADA
 PATENT ASSIGNEE(S): Angiotech International AG, Zug, SWITZERLAND (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004260318	A1	20041223
APPLICATION INFO.:	US 2004-853023	A1	20040524 (10)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2003-473185P	20030523 (60)
	US 2003-523908P	20031120 (60)
	US 2003-525226P	20031124 (60)
	US 2003-526541P	20031203 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	SEED INTELLECTUAL PROPERTY LAW GROUP PLLC, 701 FIFTH AVE, SUITE 6300, SEATTLE, WA, 98104-7092	
NUMBER OF CLAIMS:	117	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	19 Drawing Page(s)	
LINE COUNT:	6906	

AB Anastomotic connector devices are provided which release a therapeutic agent. The therapeutic agent may be an anti-scarring agent that inhibits stenosis caused by the presence of the anastomotic connector **device**.

L14 ANSWER 33 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2004:321764 USPATFULL
 TITLE: Therapeutic assembly
 INVENTOR(S): Wang, Xingwu, Wellsville, NY, UNITED STATES
 Greenwald, Howard J., Rochester, NY, UNITED STATES
 Lanzafame, John, Victor, NY, UNITED STATES
 Weiner, Michael L., Webster, NY, UNITED STATES
 Connelly, Patrick R., Rochester, NY, UNITED STATES

NUMBER	KIND	DATE
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PATENT INFORMATION: US 2004254419 A1 20041216
APPLICATION INFO.: US 2004-867517 A1 20040614 (10)
RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2004-810916, filed
on 26 Mar 2004, PENDING Continuation-in-part of Ser.
No. US 2004-808618, filed on 24 Mar 2004, PENDING
Continuation-in-part of Ser. No. US 2004-786198, filed
on 25 Feb 2004, PENDING Continuation-in-part of Ser.
No. US 2004-780045, filed on 17 Feb 2004, PENDING
Continuation-in-part of Ser. No. US 2003-747472, filed
on 29 Dec 2003, PENDING Continuation-in-part of Ser.
No. US 2003-744543, filed on 22 Dec 2003, PENDING
Continuation-in-part of Ser. No. US 2003-409505, filed
on 8 Apr 2003, PENDING Continuation-in-part of Ser. No.
US 2003-442420, filed on 21 May 2003, PENDING

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: HOWARD J. GREENWALD P.C., 349 W. COMMERCIAL STREET
SUITE 2490, EAST ROCHESTER, NY, 14445-2408
NUMBER OF CLAIMS: 175
EXEMPLARY CLAIM: CLM-1-177
NUMBER OF DRAWINGS: 40 Drawing Page(s)
LINE COUNT: 16208

AB A therapeutic assembly that contains a therapeutic agent, a cytotoxic
radioactive material, and a nanomagnetic material with nanomagnetic
particles. The nanomagnetic particles have an average particle size of
less than about 100 nanometers; and the average coherence length between
adjacent nanomagnetic particles is less than 100 nanometers. The
nanomagnetic material has a saturation magnetization of from about 2 to
about 3000 electromagnetic units per cubic centimeter, a phase
transition temperature of from about 40 to about 200 degrees Celsius,
and a saturation magnetization of from about 2 to about 3,000
electromagnetic units per cubic centimeter

L14 ANSWER 34 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2004:117838 USPATFULL
TITLE: Mechanical and acoustical suspension **coating**
of medical **implants**

INVENTOR(S): Schwarz, Marlene C., Auburndale, MA, UNITED STATES
Tocker, Stanley, Wilmington, DE, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004089230	A1	20040513
APPLICATION INFO.:	US 2003-699771	A1	20031104 (10)
RELATED APPLN. INFO.:	Continuation of Ser. No. US 2002-84868, filed on 1 Mar 2002, PENDING Continuation-in-part of Ser. No. US 2001-804040, filed on 13 Mar 2001, GRANTED, Pat. No. US 6607598 Continuation-in-part of Ser. No. US 2000-551614, filed on 17 Apr 2000, GRANTED, Pat. No. US 6368658 Continuation-in-part of Ser. No. US 1999-293994, filed on 19 Apr 1999, ABANDONED		

DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: KENYON & KENYON, 1500 K STREET, N.W., SUITE 700,
WASHINGTON, DC, 20005
NUMBER OF CLAIMS: 24
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 9 Drawing Page(s)
LINE COUNT: 1271

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention has several plausible embodiments. In one
embodiment an apparatus for **coating a medical**

device is provided. This apparatus includes a **coating** chamber, a vibrating structure within the **coating** chamber the vibrating structure capable of suspending a **medical device** positioned in the **coating** chamber, and a **coating** source, the **coating** source positioned to introduce **coating** into the **coating** chamber. In another embodiment a method of **coating** a **medical device** is provided. This method includes moving a **medical device** into a predetermined **coating** area, vibrating a structure below the **medical device**, the vibration of the structure forcing the **medical device** away from the vibrating structure, and **coating** at least a portion of the **medical device** that has moved away from the vibrating structure.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 35 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2004:38119 USPATFULL

TITLE: Drug releasing **biodegradable** fiber for delivery of therapeutics

INVENTOR(S): Nelson, Kevin D., Arlington, TX, UNITED STATES
Crow, Brent B., Fort Worth, TX, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2004028655	A1	20040212
APPLICATION INFO.:	US 2003-428901	A1	20030502 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2000-632457, filed on 4 Aug 2000, GRANTED, Pat. No. US 6596296		

	NUMBER	DATE
PRIORITY INFORMATION:	US 1999-147827P	19990806 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	JENKENS & GILCHRIST, PC, 1445 ROSS AVENUE, SUITE 3200, DALLAS, TX, 75202	
NUMBER OF CLAIMS:	37	
EXEMPLARY CLAIM:	1	
NUMBER OF DRAWINGS:	11 Drawing Page(s)	
LINE COUNT:	2185	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to fiber compositions comprising gels or hydrogels. The invention further relates to the composition of a gel or hydrogel loaded **biodegradable** fiber and methods of fabricating such fibers. The present invention further provides tissue engineering and **drug-delivery** compositions and methods wherein three-dimensional matrices for growing cells are prepared for in vitro and in vivo use. The invention also relates to methods of manipulating the rate of therapeutic agent release by changing both the **biodegradable** polymer properties as well as altering the properties of the incorporated gel or hydrogel.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 36 OF 37 USPATFULL on STN

ACCESSION NUMBER: 2002:235144 USPATFULL

TITLE: Mechanical and acoustical suspension **coating** of medical **implants**

INVENTOR(S): Schwarz, Marlene C., Auburndale, MA, UNITED STATES
Tocker, Stanley, Wilmington, DE, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002127327	A1	20020912
	US 6730349	B2	20040504
APPLICATION INFO.:	US 2002-84868	A1	20020301 (10)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 2001-804040, filed on 13 Mar 2001, PENDING Continuation-in-part of Ser. No. US 2000-551614, filed on 17 Apr 2000, GRANTED, Pat. No. US 6368658 Continuation-in-part of Ser. No. US 1999-293994, filed on 19 Apr 1999, ABANDONED		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	APPLICATION		
LEGAL REPRESENTATIVE:	KENYON & KENYON, 1500 K STREET, N.W., SUITE 700, WASHINGTON, DC, 20005		
NUMBER OF CLAIMS:	24		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	9 Drawing Page(s)		
LINE COUNT:	1271		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention has several plausible embodiments. In one embodiment an apparatus for **coating a medical device** is provided. This apparatus includes a **coating** chamber, a vibrating structure within the **coating** chamber the vibrating structure capable of suspending a **medical device** positioned in the **coating** chamber, and a **coating** source, the **coating** source positioned to introduce **coating** into the **coating** chamber. In another embodiment a method of **coating a medical device** is provided. This method includes moving a **medical device** into a predetermined **coating** area, vibrating a structure below the **medical device**, the vibration of the structure forcing the **medical device** away from the vibrating structure, and **coating** at least a portion of the **medical device** that has moved away from the vibrating structure.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L14 ANSWER 37 OF 37 USPATFULL on STN

ACCESSION NUMBER:	2002:122036	USPATFULL
TITLE:	Sustained delivery of polyionic bioactive agents	
INVENTOR(S):	Levy, Robert J., Merion Station, PA, United States	
PATENT ASSIGNEE(S):	The Children's Hospital of Philadelphia, Philadelphia, PA, United States (U.S. corporation)	

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6395029	B1	20020528
APPLICATION INFO.:	US 1999-234011		19990119 (9)
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	GRANTED		
PRIMARY EXAMINER:	McDermott, Corrine		
ASSISTANT EXAMINER:	Koh, Choon P.		
LEGAL REPRESENTATIVE:	Foley & Lardner		
NUMBER OF CLAIMS:	44		
EXEMPLARY CLAIM:	1		
NUMBER OF DRAWINGS:	2 Drawing Figure(s); 2 Drawing Page(s)		
LINE COUNT:	2616		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention relates to compositions and methods for delivering a polyionic bioactive composition such as a nucleic acid to a tissue of an animal. The compositions of the invention include compositions which comprise a matrix comprising the polyionic bioactive agent and wherein

at least most of the polyionic bioactive agent at the exterior portion of the matrix is present in a condensed form. The invention also includes methods of making such compositions, including particles, devices, bulk materials, and other objects which comprise, consist of, or are **coated** with such compositions. Methods of delivering a polyionic bioactive agent to an animal tissue are also described. The invention further includes a method of storing a nucleic acid.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

U.S. Appln. S.N. 10/069,785
AMENDMENT

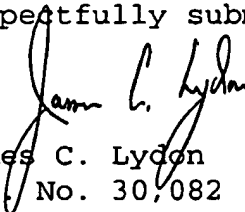
PATENT

rejection of claims 33 and 34 over Tuch in combination with McPherson et al. are earnestly requested.

It is believed this application is in condition for allowance. Reconsideration and withdrawal of all rejections of claims 18-34, and issuance of a Notice of Allowance directed to those claims, are earnestly requested. The Examiner is urged to telephone the undersigned should he believe any further action is required for allowance.

It is not believed any fee is required for entry and consideration of this Amendment. Nevertheless, the Commissioner is authorized to charge our Deposit Account No. 50-1258 in the amount of any such required fee.

Respectfully submitted,


James C. Lydon
Reg. No. 30,082

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